

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5658583").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/04 16:11
S1	2752684	heatpatch and (first second)layer	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:42
S2	636312	S1 and gas	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:44
S3	0	S2 and heatpatch	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:44
S4	46164	S2 and permeab\$2	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:45
S5	13391	S4 and endlos\$3	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:47
S6	0	S5 and ironpowder	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:47
S7	3525	S5 and iron	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:48
S8	3013	S7 and water	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:48
S9	2594	S8 and reac\$4	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:49
S10	1576	S9 and salt	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/02 10:12
S11	1113	S10 and polyethylene	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:58
S12	2	heat Adj patch same (first second)near2 layer	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 09:59
S13	2752684	heatpatch and (first second)layer	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 10:28

S14	636312	S13 and gas	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 10:28
S15	46164	S14 and permeab\$2	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 10:28
S16	13391	S15 and enclos\$3	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 10:28
S17	3525	S16 and iron	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 10:28
S18	3013	S17 and water	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 10:28
S19	2594	S18 and reac\$4	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 10:28
S20	1576	S19 and salt	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/15 11:10
S21	50	((("5590778") or ("5230430") or ("5478111") or ("5518269") or ("5725244") or ("5704639") or ("5747082") or ("5908649") or ("7041124") or ("7087076") or ("20050043776") or ("20050049662") or ("20050137660") or ("20060224221") or ("5662926") or ("5676969") or ("5679373") or ("6010715") or ("5658583") or ("5919479") or ("4270658") or ("4380485") or ("4395254") or ("5207852") or ("4488557") or ("4592179") or ("4915950") or ("4992131") or ("5203327") or ("5445147") or ("5658625") or ("5676144") or ("5885013") or ("6055009") or	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/15 11:10

		("6261595") or ("6284266") or ("6303142") or ("6306431") or ("6340472") or ("RE37699") or ("6465006") or ("6465709") or ("6488959") or ("6890553") or ("6991095") or ("2002004066") or ("20030223657") or ("20040219192") or ("20060210616") or ("5330813") or ("").pn.")). FN.				
S22	20	((RICKY) near2 (PURCELL)).INV.	US-PGRUB; USPAT; USOCR	OR	ON	2006/12/11 14:03
S23	0	((RICKY) near2 (PURCELL)).INV.	EPO; JPO; DERWENT	OR	ON	2006/12/11 14:03
S24	6	US-5046479-\$.D.ID. OR US-5233981-\$.D.ID. OR US-5658583-\$.D.ID. OR US-5919479-\$.D.ID. OR US-6245347-\$.D.ID. OR US-6306431-\$.D.ID.	US-PGRUB; USPAT; USOCR	OR	ON	2006/12/11 14:05
S25	2	US-4106478-\$.D.ID. OR US-6436020-\$.D.ID.	US-PGRUB; USPAT; USOCR	OR	ON	2006/12/18 14:49
S26	1	("20020119186").FN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/11 14:07
S27	0	("wo-180639").FN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/11 14:07
S28	0	(wo/180639).CQLS.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/11 14:08
S29	4133	((((602/2,48)(607/96,108- 112,114)(604/304))). CQLS.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/14 13:07
S30	2431	S29 and heat	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/02 10:20
S31	9	S29 and heat adj patch	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/14 13:07
S32	651	S30 and gas	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/22 10:01
S33	1	("4885811").FN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/14 14:42

S34	85	S32 and detach\$5	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/14 15:03
S35	5	((("4205685") or ("4963360") or ("5658583") or ("5046479"))).PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/18 09:38
S37	1	("4747841").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/18 15:14
S38	1	("5658583").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/18 15:14
S39	1	("4747841").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/21 08:04
S40	1	("5658583").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/21 10:32
S41	0	("heatwith((mark\$4) (indicia)(cod\$3)(indicat \$3))").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/21 10:34
S42	0	("heatwith((mark\$4) (indicia)(cod\$3)(indicat \$3))").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/01/04 08:21
S43	0	("heatwith((mark\$4) (indicia)(cod\$3)(indicat \$3))").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/21 10:34
S44	118916	heat with((mark\$4) (indicia)(cod\$3)(indicat \$3))	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/21 10:36
S45	13554	S44 and (pad pack patch)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/21 10:35
S46	4235	S45 and color\$3	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/21 12:55
S47	60	heat adj ((pad)(pack) (patch)) with((mark\$4) (indicia)(cod\$3)(indicat \$3))	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/22 09:51
S48	60	heat adj ((pad)(pack) (patch)) with((mark\$4) (indicia)(cod\$3)(indicat \$3))	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/22 09:51
S49	12	S48 and color\$5	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/22 09:52
S50	4137	((((602/2,48)(607/96,108- 112,114)(604/304))). CCLS.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/22 10:01

S51	2433	S50 and heat	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/22 10:01
S52	652	S51 and gas	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/22 10:01
S53	139	S52 and color\$5	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/22 10:01
S54	60	heat adj ((pad)(pack) (patch)) with((mark\$4) (indicia)(cod\$3)(indicat \$3))	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/26 07:42
S55	1	("20030109911").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/26 07:51
S56	1	("6755852").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/26 07:54
S57	1	("4534354").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/26 07:56
S58	1	("5549660").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/26 10:13
S59	1	("20060276863").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/26 10:13
S60	3	heat near2 patch same composition same ("gas- permeable" "gas permeable" polypropylene polyethylene)same first and second same layer	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/02 10:15
S61	4221	((((602/2,48)(607/96,108- 112,114)(604/304))). CCLS.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/02 10:20
S62	2495	S61 and heat	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/02 10:20
S63	87	S62 and ("gas-permeable" "gas permeable")	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/02 10:20
S64	125303	heat with ((mark\$4) (indicia)(cod\$3)(indicat \$3))	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/01/04 08:22
S65	2210	S64 and patch	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/01/04 08:22
S66	128034	heat with ((mark\$4) (indicia)(cod\$3)(indicat \$3))	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:13

S67	2337	S66 and patch	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:13
S68	481	S67 and (plurality plural multiple various) and (detachable removable replaceable)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:13
S69	4480	((((602/2,48)(607/96,108-112,114)(604/304))). CCL.S	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/06/15 17:14
S70	5	S69 and S68	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:14
S71	30104	(heat or heating or thermal) near3 (patch or pad or pack or blanket)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:17
S72	345	(gas near2 layers or second near layer) same S71	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:18
S73	1525	(gas or air) near cover same (plurality or multiple or plural or various)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:22
S74	2	S72 and S73	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:22
S75	11	adjusta\$5 near heat\$4 near (patch or pack or pad)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:23
S76	868413	(message or information or indicia or marking or code or color) same (portions or cover or patch \$3)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:29
S77	3612	S76 same (layer\$1 with (gas or air))	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:29
S78	4	S77 same ((heat or heating or thermal) near2 (pad or pack or patch))	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:30
S79	2240	(patch or pack or pad) with (message or information or alert or indicia or index or coding or code or program or color or colour) same (heat or heating or thermal) same (pad or pack or patch)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:33
S80	44	S79 and S69	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/15 17:34

S81	1	("20060276863").FN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/06/20 13:18
S82	4489	((((602/2,48)(607/96,108-112,114)(604/304))). CCLS.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/06/20 13:22
S83	2706	S82 and heat	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/20 13:22
S84	763	S83 and gas	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/20 13:22
S85	186	S84 and (color\$5 or colour)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/20 13:22
S86	4489	((((602/2,48)(607/96,108-112,114)(604/304))). CCLS.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/06/20 13:24
S87	2247	(patch or pack or pad) with (message or information or alert or indicia or index or coding or code or program or color or colour) same (heat or heating or thermal) same (pad or pack or patch)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/20 13:24
S88	44	S87 and S86	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/20 13:24
S89	31	S88 and (color\$5 or colour)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/06/20 13:24
S90	5690	"607"/\$.ccls. and temperature with (indic\$4 read\$5 notifi\$6 displa\$3 monitor\$3 sens\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/16 10:03
S91	661	S90 and (cover lid membrane) with (detach \$4 remov\$4 mov\$3 open \$3 displac\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/16 10:04
S92	49	"607"/\$.ccls. and temperature with (indic\$4 read\$5 notifi\$6 displa\$3 monitor\$3 sens\$3) same (cover lid membrane) with (detach\$4 remov\$4 mov \$3 open\$3 displac\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/16 10:21
S93	4543	((((602/2,48)(607/96,108-112,114)(604/304))). CCLS.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/10/16 14:23

S94	712	S93 and (cover lid membrane) with (detach \$4 remov\$4 mov\$3 open \$3 displac\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/16 14:23
S95	206	S94 and temperature with (indic\$4 read\$5 notifi\$6 displa\$3 monitor\$3 sens \$3)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/10/16 14:24
S96	5287	((((424/10.1,10.3) (602/903)(206/439,459.5) (607/108-112))).GCLS.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/11/13 14:41
S97	436	S96 and temperature with (indic\$4 read\$5 notifi\$6 displa\$3 monitor\$3 sens \$3)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/13 14:42
S98	89	((US-20060210752-\$ or US-20060224221-\$ or US-20060172048-\$ or US-20050043776-\$ or US-20040098072-\$ or US-20020151947-\$ or US-20020161420-\$ or US-20020045923-\$ or US-20050137660-\$ or US-20030055475-\$ or US-20020004066-\$ or US-20060210616-\$ or US-20040219192-\$ or US-20060200100-\$ or US-20060036304-\$ or US-20040186541-\$ or US-20040186540-\$ or US-20060111763-\$ or US-20040153040-\$ or US-20040015220-\$ or US-20030204227-\$ or US-20030195448-\$ or US-20030144619-\$ or US-20010034545-\$ or US-20010023366-\$ or US-20030109908-\$).did. or (US-20030083722-\$ or US-20040116990-\$ or US-20030097164-\$ or US-20020042641-\$ or US-20020182115-\$ or US-20050011706-\$ or US-20030037476-\$ or US-20060020311-\$ or US-20030109910-\$ or US-20080200971-\$ or US-20060081000-\$ or US-20060052852-\$ or US-20070055330-\$).did. or (US-7087076-\$ or US-7074234-\$ or US-	US-PGRUB; USPAT; USOCR	OR	ON	2009/07/23 11:37



		6863682-\$ or US- 6436128-\$ or US- 3976049-\$ or US- 6340472-\$ or US- 6284266-\$ or US- 6824557-\$ or US- 6336935-\$ or US- 6158427-\$ or US- 6099556-\$ or US- 6096067-\$ or US- 5918590-\$ or US- 5879378-\$ or US- 7041124-\$ or US- 6991095-\$ or US- 6890553-\$ or US- 6488959-\$ or US- 6465709-\$ or US- 5658583-\$ or US- 6010715-\$ or US- 5919479-\$ or US- 5445147-\$ or US- 4992131-\$ or US- 4380485-\$ or US- 6465006-\$).did. or (US- 5233981-\$ or US- 7041123-\$ or US- 6974470-\$ or US- 6893453-\$ or US- 6723115-\$ or US- 6823860-\$ or US- 6629964-\$ or US- 6576004-\$ or US- 6416534-\$ or US- 6409746-\$ or US- 6206909-\$ or US- 5973221-\$ or US- 5366492-\$ or US- 4747841-\$ or US- 4077390-\$ or US- 6060266-\$ or US- 7151157-\$ or US- 6007408-\$ or US- 6152952-\$ or US- 6719779-\$ or US- 6409748-\$ or US- 5786578-\$ or US- 5965276-\$).did. or (US- 3300557-\$).did.				
S99	45	S98 and (message or information or alert or indicia or index or coding or code or program or color or colour)	US-PGRUB; USPAT; USOQR; EPO; JPO	OR	ON	2009/07/23 11:39
S100	39094	(heat\$4 or thermal) near3 (patch or pad or pack or blanket)	US-PGRUB; USPAT; USOQR; EPO; JPO	OR	ON	2009/07/23 12:01

S101	15186	S100 and (message or information or alert or indicia or index or coding or code or program or color or colour)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/23 12:01
S102	2821	S100 and (message or information or alert or indicia or index or coding or code or program or color or colour) same (gas air)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/23 12:02
S103	3627	(heat\$4 or thermal) near3 (patch or pad or pack or blanket) with (air gas)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/23 12:03
S104	1221	S103 and (message or information or alert or indicia or index or coding or code or program or color or colour)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/23 12:03
S105	100	S104 and "607"/\$.cols.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/07/23 12:03
S106	2	((("20020119186") or ("4106478")).FN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/07/28 09:38
S107	2	((("20020119186") or ("4106478")).FN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/04 08:20

**EAST Search History (Interference)**

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**2/ 4/ 2010 4:41:37 PM****C:\Documents and Settings\tpatel2\My Documents\EAST\Workspaces\ 10650407.wsp**